

Response  
Application No. 10/663,644  
Attorney Docket No. 031159

**REMARKS**

Claims 1 - 14 are pending in the present application. By this Amendment, claim 7 has been amended. No new matter has been added. It is respectfully submitted that this Amendment is fully responsive to the Office Action dated September 14, 2006.

**Allowable Subject Matter:**

Applicant gratefully acknowledges the indication that claims 8 and 10-14 have been allowed.

In addition, Applicant also gratefully acknowledges the indication that claims 7 and 9 would be allowable once claim 7 is amended to correct a minor informality.

Accordingly, it is submitted that claim 7 has been amended to overcome the minor informality, and therefore claims 7 and 9 are now allowable as well.

**As to the Merits:**

As to the merits of this case, the Examiner sets forth the following rejections:

1) claim 2 stands rejected under 35 USC §103(a) as being unpatentable over Page (U.S. Patent No. 5,107,189, of record); and

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2) claims 3-5 stand rejected over 35 USC §103(a) as being unpatentable over Ferreira (U.S. Patent No. 4,701,787, of record).

Each of these rejections is respectfully traversed.

**Independent Claim 2:**

With regard to independent claim 2, the Examiner specifically relies on col. 6, lines 30-44 of Page and asserts that such reference discloses a preamplifier circuit 37 and an output circuit 11, wherein a level of the bias voltage that is applied by the preamplifier circuit 37 is changed in accordance with contents of the video signal.

However, while the Examiner properly acknowledges, in the bridging paragraph between pages 2 and 3 of the action, that, “Page does not disclose that the video signal can be of either still image type or moving image type,” the Examiner asserts that “it would have been obvious to one of ordinary skill in the art at the time of the when the invention was made that video signals delivered to the video circuit can be of any well known type of a video signal, still and moving types including.”

Based on the Examiner’s comments it appears that the Examiner has failed to appreciate, for example, as discussed on page 9 in the present specification, that the level of the bias voltage

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Vba that is applied by the preamplifier circuit 311 is set by the preamplifier control portion 314 to different amounts depending on whether the video signal relates to a still image or to a moving image. For example, as discussed on page 9, lines 26-29, the bias voltage Vba is set to 1.0 volt for a video signal relating to a still image and the bias voltage Vba is set to 0.4 volts for a video signal relating to a moving image.

In other words, the Examiner has failed to appreciate that in the present claimed invention, the level of the bias voltage that is applied by the preamplifier circuit is changed depending on whether the video signal is related to a still image or to a moving image.

As such, it is submitted that the Examiner has clearly failed to establish a prima facie case of obviousness, since the Examiner has failed to properly consider the features of claim 2 concerning *the level of the bias voltage is changed in accordance with the video signal that is either a video signal related to a still image or a video signal related to a moving image*.

Moreover, it is submitted neither Page nor Ferreira discloses or fairly suggests that “the level of the bias voltage is changed in accordance with the video signal that is either a video signal related to a still image or a video signal related to a moving image”.

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**Independent Claim 3:**

With regard to claim 3, the Examiner asserts that Ferreira discloses a preamplifier circuit TR1; an output circuit TR12 for amplifying power of the signal that is delivered from the preamplifier circuit through resistor R44; and a variable bias circuit (diodes D1-D4 and potentiometer P2) for changing a level of the bias voltage that is added in the preamplifier circuit TR1.

However, while the Examiner properly acknowledges in page 3, lines 11-14 of the action that, “Ferreira does not disclose that the video signal can be of either still image type or moving image type,” the Examiner asserts that “it would have been obvious to one of ordinary skill in the art at the time of the when the invention was made that video signals delivered to the video circuit can be of any well known type of a video signal, still and moving types including.”

Again, as discussed above, it appears that the Examiner has failed to appreciate that in the present claimed invention, the level of the bias voltage that is applied by the preamplifier circuit is changed depending on whether the video signal is related to a still image or to a moving image.

As such, it is submitted that the Examiner has clearly failed to establish a prima facie case of obviousness, since the Examiner has failed to properly consider the features of claim 3 concerning *a variable bias circuit for changing a level of the bias voltage that is added in the*

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*preamplifier circuit in accordance with the video signal that is either a video signal related to a still image or a video signal related to a moving image.*

Moreover, it is submitted that neither Page nor Ferreira discloses or fairly suggests that “the level of the bias voltage is changed in accordance with the video signal that is either a video signal related to a still image or a video signal related to a moving image”.

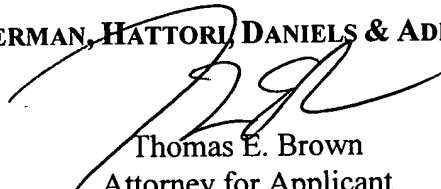
In view of the aforementioned amendments and accompanying remarks, Applicant submits that the claims, as herein amended, are in condition for allowance. Applicant requests such action at an early date.

If the Examiner believes that this application is not now in condition for allowance, the Examiner is requested to contact Applicant’s undersigned attorney to arrange for an interview to expedite the disposition of this case.

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If this paper is not timely filed, Applicants respectfully petition for an appropriate extension of time. The fees for such an extension or any other fees that may be due with respect to this paper may be charged to Deposit Account No. 50-2866.

Respectfully submitted,  
**WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP**



Thomas E. Brown  
Attorney for Applicant  
Registration No. 44,450  
Telephone: (202) 822-1100  
Facsimile: (202) 822-1111

TEB/jl